



(C) WPI / DERWENT

AN - 1976-58618X [31]

CPY - NICH-N

DC - D15 L02 P35

FS - CPI;GMPI

IC - A62D3/00 ; A62D5/00 ; B01J1/00 ; B29J1/00 ; C04B15/10 ; C04B31/00

MC - D04-B02 L02-D07 L02-D10

PA - (NICH-N) NICHIREKI CH IND KK

PN - JP51069483 A 19760616 DW197631 000pp

- JP53042315B B 19781110 DW197849 000pp

PR - JP19740143622 19741213

XIC - A62D-003/00 ; A62D-005/00 ; B01J-001/00 ; B29J-001/00 ; C04B-015/10 ;

C04B-031/00

AB - J51069483 Sludge contg. toxic matt. (heavy metal such as mercury, cadmium, chromium, lead, copper, etc., heavy metal cpds., heavy metal ions, arsenic, phosphorus, and other such cpds. PCB, radiation rays substance, etc.), is treated by addn. of a sulphur system cpd. (config. an -SH gp. or its alkali metal salt, e.g., dodecyl mercaptan, polysulphide e.g., calcium polysulphide), colloidal sulphur (e.g., pptng. colloidal sulphur), bituminous emulsion (emulsion of bituminous matt. emulsified using various surface active agents), cement or cement and aggregate, to cause solidification of the sludge. The solidified matt. has excellent waterproofing props., chemical resistance, and no fear of elution of injurious matt. over long periods.

IW - CONVERT TOXIC SLUDGE USEFUL MATERIAL TREAT SULPHUR SULPHUR COMPOUND

BITUMEN EMULSION CEMENT PROMOTE SOLIDIFICATION

IKW - CONVERT TOXIC SLUDGE USEFUL MATERIAL TREAT SULPHUR SULPHUR

COMPOUND

BITUMEN EMULSION CEMENT PROMOTE SOLIDIFICATION

NC - 001

OPD - 1974-12-13

ORD - 1976-06-16

PAW - (NICH-N) NICHIREKI CH IND KK

TI - Conversion of toxic sludge to useful material - by treatment with sulphur, sulphur cpds, bituminous emulsion and cement to promote solidification